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1,642

TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/633,364

DATE: 07/15/2001

TIME: 19:40:03

Input Set : A:\-147-1.app

Output Set: N:\CRF3\07152001\I633364.raw

ENTERED

3 <110> APPLICANT: Fikes, John  
 4 Sette, Alessandro  
 5 Sidney, John  
 6 Southwood, Scott  
 7 Chesnut, Robert  
 8 Celis, Esteban  
 9 Keogh, Elissa  
 10 Epimmune Inc.  
 12 <120> TITLE OF INVENTION: Inducing Cellular Immune Responses to  
 13 Prostate Cancer Antigens Using Peptide and Nucleic Acid  
 14 Compositions  
 16 <130> FILE REFERENCE: 018623-014710US  
 18 <140> CURRENT APPLICATION NUMBER: US 09/633,364  
 19 <141> CURRENT FILING DATE: 2000-08-07  
 21 <150> PRIOR APPLICATION NUMBER: US 60/171,312  
 22 <151> PRIOR FILING DATE: 1999-12-21  
 24 <160> NUMBER OF SEQ ID NOS: 6899  
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 11  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Homo sapien  
 33 <400> SEQUENCE: 1  
 34 Ala Leu Phe Pro Pro Glu Gly Val Ser Ile Trp  
 35 1 5 10  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 11  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo sapien  
 41 <400> SEQUENCE: 2  
 42 Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp  
 43 1 5 10  
 44 <210> SEQ ID NO: 3  
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 46 <212> TYPE: PRT  
 47 <213> ORGANISM: Homo sapien  
 49 <400> SEQUENCE: 3  
 50 Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp  
 51 1 5 10  
 52 <210> SEQ ID NO: 4  
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 55 <213> ORGANISM: Homo sapien  
 57 <400> SEQUENCE: 4  
 58 Ala Leu Pro Glu Lys Pro Ala Val Tyr  
 59 1 5  
 60 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING  
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61 <211> LENGTH: 9
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapien
65 <400> SEQUENCE: 5
66 Ala Leu Pro Glu Arg Pro Ser Leu Tyr
67 1 5
68 <210> SEQ ID NO: 6
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70 <212> TYPE: PRT
71 <213> ORGANISM: Homo sapien
73 <400> SEQUENCE: 6
74 Ala Leu Val Leu Ala Gly Gly Phe
75 1 5
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapien
81 <400> SEQUENCE: 7
82 Ala Leu Val Leu Ala Gly Gly Phe Phe
83 1 5
84 <210> SEQ ID NO: 8
85 <211> LENGTH: 9
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapien
89 <400> SEQUENCE: 8
90 Ala Met Thr Asn Leu Ala Ala Leu Phe
91 1 5
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 9
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapien
97 <400> SEQUENCE: 9
98 Ala Ser Cys His Leu Thr Glu Leu Tyr
99 1 5
100 <210> SEQ ID NO: 10
101 <211> LENGTH: 10
102 <212> TYPE: PRT
103 <213> ORGANISM: Homo sapien
105 <400> SEQUENCE: 10
106 Ala Ser Cys His Leu Thr Glu Leu Tyr Phe
107 1 5 10
108 <210> SEQ ID NO: 11
109 <211> LENGTH: 11
110 <212> TYPE: PRT
111 <213> ORGANISM: Homo sapien
113 <400> SEQUENCE: 11
114 Ala Ser Gly Arg Ala Arg Tyr Thr Lys Asn Trp
115 1 5 10
116 <210> SEQ ID NO: 12

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7/15/01

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117 <211> LENGTH: 11
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119 <213> ORGANISM: Homo sapien
121 <400> SEQUENCE: 12
122 Ala Ser Lys Phe Ser Glu Arg Leu Gln Asp Phe
123 1 5 10
124 <210> SEQ ID NO: 13
125 <211> LENGTH: 9
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapien
129 <400> SEQUENCE: 13
130 Ala Ser Leu Ser Leu Gly Phe Leu Phe
131 1 5
132 <210> SEQ ID NO: 14
133 <211> LENGTH: 8
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapien
137 <400> SEQUENCE: 14
138 Ala Ser Trp Asp Ala Glu Glu Phe
139 1 5
140 <210> SEQ ID NO: 15
141 <211> LENGTH: 8
142 <212> TYPE: PRT
143 <213> ORGANISM: Homo sapien
145 <400> SEQUENCE: 15
146 Ala Thr Ala Arg Arg Pro Arg Trp
147 1 5
148 <210> SEQ ID NO: 16
149 <211> LENGTH: 10
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapien
153 <400> SEQUENCE: 16
154 Ala Val Ala Thr Ala Arg Arg Pro Arg Trp
155 1 5 10
156 <210> SEQ ID NO: 17
157 <211> LENGTH: 10
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo sapien
161 <400> SEQUENCE: 17
162 Ala Val Val His Glu Ile Val Arg Ser Phe
163 1 5 10
164 <210> SEQ ID NO: 18
165 <211> LENGTH: 9
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapien
169 <400> SEQUENCE: 18
170 Ala Val Tyr Thr Lys Val Val His Tyr
171 1 5
172 <210> SEQ ID NO: 19

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## RAW SEQUENCE LISTING

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Input Set : A:\-147-1.app

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173 <211> LENGTH: 9  
174 <212> TYPE: PRT  
175 <213> ORGANISM: Homo sapien  
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179 1 5  
180 <210> SEQ ID NO: 20  
181 <211> LENGTH: 10  
182 <212> TYPE: PRT  
183 <213> ORGANISM: Homo sapien  
185 <400> SEQUENCE: 20  
186 Cys Ser Gly Lys Ile Val Ile Ala Arg Tyr  
187 1 5 10  
188 <210> SEQ ID NO: 21  
189 <211> LENGTH: 10  
190 <212> TYPE: PRT  
191 <213> ORGANISM: Homo sapien  
193 <400> SEQUENCE: 21  
194 Cys Ser Pro Ser Cys Pro Leu Glu Arg Phe  
195 1 5 10  
196 <210> SEQ ID NO: 22  
197 <211> LENGTH: 9  
198 <212> TYPE: PRT  
199 <213> ORGANISM: Homo sapien  
201 <400> SEQUENCE: 22  
202 Asp Ile Val Pro Pro Phe Ser Ala Phe  
203 1 5  
204 <210> SEQ ID NO: 23  
205 <211> LENGTH: 10  
206 <212> TYPE: PRT  
207 <213> ORGANISM: Homo sapien  
209 <400> SEQUENCE: 23  
210 Asp Leu Phe Gly Ile Trp Ser Lys Val Tyr  
211 1 5 10  
212 <210> SEQ ID NO: 24  
213 <211> LENGTH: 9  
214 <212> TYPE: PRT  
215 <213> ORGANISM: Homo sapien  
217 <400> SEQUENCE: 24  
218 Asp Met Ser Leu Leu Lys Asn Arg Phe  
219 1 5  
220 <210> SEQ ID NO: 25  
221 <211> LENGTH: 10  
222 <212> TYPE: PRT  
223 <213> ORGANISM: Homo sapien  
225 <400> SEQUENCE: 25  
226 Asp Ser Leu Phe Ser Ala Val Lys Asn Phe  
227 1 5 10  
228 <210> SEQ ID NO: 26

## RAW SEQUENCE LISTING

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Input Set : A:\-147-1.app

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229 <211> LENGTH: 8
230 <212> TYPE: PRT
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233 <400> SEQUENCE: 26
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235 1 5
236 <210> SEQ ID NO: 27
237 <211> LENGTH: 8
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapien
241 <400> SEQUENCE: 27
242 Asp Ser Val Glu Leu Ala His Tyr
243 1 5
244 <210> SEQ ID NO: 28
245 <211> LENGTH: 10
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapien
249 <400> SEQUENCE: 28
250 Asp Val Tyr Asn Gly Leu Leu Pro Pro Tyr
251 1 5 10
252 <210> SEQ ID NO: 29
253 <211> LENGTH: 8
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapien
257 <400> SEQUENCE: 29
258 Glu Ile Phe Asn Thr Ser Leu Phe
259 1 5
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262 <212> TYPE: PRT
263 <213> ORGANISM: Homo sapien
265 <400> SEQUENCE: 30
266 Glu Leu Ala His Tyr Asp Val Leu Leu Ser Tyr
267 1 5 10
268 <210> SEQ ID NO: 31
269 <211> LENGTH: 10
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo sapien
273 <400> SEQUENCE: 31
274 Glu Leu Ala Asn Ser Ile Val Leu Pro Phe
275 1 5 10
276 <210> SEQ ID NO: 32
277 <211> LENGTH: 10
278 <212> TYPE: PRT
279 <213> ORGANISM: Homo sapien
281 <400> SEQUENCE: 32
282 Glu Leu Gly Glu Tyr Ile Arg Lys Arg Tyr
283 1 5 10
284 <210> SEQ ID NO: 33

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FYS

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/633,364

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TIME: 19:40:04

Input Set : A:\-147-1.app

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L:53635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6698